INTERNATIONAL SEARCH REPORT

Internal Application No PCI/US2004/004918

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER H04L12/56 H04L12/28							
According to	n International Patent Classification (IPC) or to both national classifica	ilon and IPC	_					
	B. FIELDS SEARCHED							
Minimum do IPC 7	cumentation searched (dassification system followed by classification $H04L$	n symbols)						
	tion searched other than minimum documentation to the extent that su							
	ata base consulted during the International search (name of data bas	e and, where practical, search terms used						
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT							
Category *	Category * Citation of document, with indication, where appropriate, of the relevant passages Releva							
X	EP 0 682 419 A (NTT MOBILE COMMUN 15 November 1995 (1995-11-15) column 3, line 11 - column 4, lin column 6, line 10 - line 23 column 7, line 15 - column 8, lin	1-32						
X	WO 00/57574 A (INTERDIGITAL TECHN CORPORATION) 28 September 2000 (2000-09-28) page 2, line 14 - page 4, line 15		1-32					
	Further documents are listed in the continuation of box C. Patent family members are tisted in annex.							
'A' docume conside 'E' earlier ifiling of 'L' docume which citatio 'O' docume other of 'P' docume later ti	*A' document defining the general state of the art which is not considered to be of particular relevance after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined by the invention cannot be considered.							
	actual completion of the International search 9 November 2004	Date of mailing of the international sea 30/11/2004	noqer issi					
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaen 2 NL - 2280 HV Rijswijk Tet (-31-70) 340-2040, Tx. 31 651 epo nl, Fax: (-31-70) 340-3016	Authorized officer M. Garc1a						

INTERNATIONAL SEARCH REPORT

Interplonal Application No PCI/US2004/004918

			FC1/U320U4/UU4918		
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0682419	A	15-11-1995	JP JP	2974274 B2 8032514 A	10-11-1999 02-02-1996
			CA	2149096 A1	13-11-1995
•			CN	1126929 A ,B	17-07-1996
			DE	69531379 D1	04-09-2003
			DE	69531379 T2	09-06-2004
			ÉP	0682419 A2	15-11-1995
			KR	233981 B1	15-12-1999
		_	US	5590409 A	31-12-1996
WO 0057574	Α	28-09-2000	'AT	· 255790 T	15-12-2003
			AT	240615 T	15-05-2003
			AT	248467 T	15-09-2003
			AU	756316 B2	09-01-2003
			AU	3768100 A	09-10-2000
•			AU	4174300 A	09-10-2000
• •			AU	761541 B2	05-06-2003
			AU BR	4174400 A	09-10-2000
			BR	0009130 A 0009233 A	26-12-2001 26-12-2001
			CA	2367353 A1	28-09-2000
			CA	2367363 A1	28-09-2000
•			CN	1343400 T	03-04-2002
			CN	1343400 T	10-04-2002
			CN	1344445 T	10-04-2002
			DE	1163735 T1	23-05-2002
			DE	1163738 T1	04-04-2002
•			DĒ	02026085 T1	19-05-2004
			DE	60002688 D1	18-06-2003
			DĒ	60002688 T2	25-03-2004
			DE	60004800 D1	02-10-2003
			DE	60004800 T2	03-06-2004
			DE	60006945 D1	15-01-2004
			DE	60006945 T2	21-10-2004
			DK	1163735 T3	05-01-2004
			DK	1163737 T3	25-08-2003
			DK	1163738 T3	01-12-2003
			EP	1163735 A1	19-12-2001
			EP	1163737 A1	19-12-2001
			EP	1163738 A1	19-12-2001
•			EP	1313233 A2	21-05-2003
			EP EP	1349294 A1 1367740 A1	01-10-2003
			ES	2211522 T3	03-12-2003
		•	ES ES	2211522 13 2199161 T3	16-07-2004 16-02-2004
			ES	2199161 13 2203455 T3	16-02-2004
			ES	2203455 T3 2209677 T1	01-07-2004
			HK	1041575 A1	05-03-2004
			HK	1041576 A1	09-07-2004
			HK	1042790 A1	23-04-2004
			ID	30470 A	13-12-2001
•			ID	30329 A	22-11-2001
•			JP	2002540673 T	26-11-2002
			JP	2002540674 T	26-11-2002
•		•	NO	20014538 A	19-10-2001
					22 22 222
			NO	20014571 A	20-09-2001
			NO NO TW	20014571 A 20014572 A 498645 B	20-09-2001 20-09-2001 11-08-2002